

What is claimed is:

1. A front filter installed on a front surface of a panel, comprising:

a touch screen for generating a coordinate signal with respect to a touch point.

2. The front filter according to claim 1, wherein the touch screen shields EMI (electromagnetic interference).

3. The front filter according to claim 1, being a film type filter.

4. The front filter according to claim 1, wherein the touch screen comprises:

an upper film on which a plurality of first electrode lines are formed;

a lower film on which a plurality of second electrode lines crossing the plurality of first electrode lines are formed; and

a plurality of dot spacers formed at a touch area such that the upper film and the lower film are spaced away from each other.

5. The front filter according to claim 4, wherein at least one of the plurality of first and second electrode lines is formed of a dual layer of Ag (silver) and ITO (Indium-Tin-Oxide).

6. The front filter according to claim 4, wherein at least one of the plurality of first and second electrode lines is formed of Ag (silver).

7. The front filter according to claim 4, wherein at least one of the plurality of first and second electrode lines is formed of ITO (Indium-Tin-Oxide).

8. The front filter according to claim 4, wherein the upper film and the lower film are formed of PET (Polyethylene Terephthalate).

9. The front filter according to claim 1, wherein the touch screen comprises:

an upper film on which a first transparent conductive layer is formed;

a lower film on which a second transparent conductive layer facing the first transparent conductive layer is formed; and

a plurality of dot spacers formed at the touch area such that the upper film and the lower film are spaced away from each other.

10. The front filter according to claim 9, wherein the first and second transparent conductive layers are formed of ITO (Indium-Tin-Oxide).

11. The front filter according to claim 1, wherein the front filter further comprises:

an antireflection coating for preventing an external incident light from being again reflected toward an external;

an optical characteristic film for decreasing brightness of red and green of visible ray incident from the panel and at the same time, increasing brightness of blue; and

a near infrared ray shielding film for shielding near infrared ray radiated from the panel.

12. A plasma display apparatus comprising:

a panel formed by attaching an upper substrate and a lower substrate to each other;

a front filter installed on a front surface of the panel, and having a touch screen for generating a coordinate signal with respect to a touch point;

a chassis base for fixing the panel;

a back cover installed on a rear surface of the panel; and

a front cabinet for electrically connecting the front filter and the back cover.

13. The plasma display apparatus according to claim 12, wherein the touch screen shields EMI (electromagnetic interference).

14. The plasma display apparatus according to claim 12, being a film type filter.

15. The plasma display apparatus according to claim 12, wherein the touch screen comprises:

an upper film on which a plurality of first electrode lines are formed;

a lower film on which a plurality of second electrode lines crossing the plurality of first electrode lines are formed; and

a plurality of dot spacers formed at a touch area such that the upper film and the lower film are spaced away from each other.

16. The plasma display apparatus according to claim 15, wherein at least one of the plurality of first and second electrode lines is formed of a dual layer of Ag (silver) and ITO (Indium-Tin-Oxide).

17. The plasma display apparatus according to claim 15, wherein at least one of the plurality of first and second electrode lines is formed of Ag (silver) or ITO (Indium-Tin-Oxide).

18. The plasma display apparatus according to claim 15, wherein the upper film and the lower film are formed of PET (Polyethylene Terephthalate).

19. The plasma display apparatus according to claim 12, wherein the touch screen comprises:

an upper film on which a first transparent conductive layer is formed;

a lower film on which a second transparent conductive layer facing the first transparent conductive layer is formed; and

a plurality of dot spacers formed at the touch area such that the upper film and the lower film are spaced away from each other.

20. The plasma display apparatus according to claim 19, wherein the first and second transparent conductive layers are formed of ITO (Indium-Tin-Oxide).